

Nov. 1895.

M. Valle, Encke's Comet.

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*Observations of Encke's Comet made with the 15-inch Equatorial of the National Mexican Observatory, Tacubaya.*  
By Felipe Valle.

(Communicated by the Secretaries.)

Long. W.  $6^{\text{h}} 36^{\text{m}} 46^{\text{s}}.53$ .Lat. N.  $19^{\circ} 24' 17''$ .

Date.	Tacubaya Mean Time.	Comet—Star. $\Delta\alpha$	No. of Comps.	Observer.	Comet App. R.A. h m s	Log. $\gamma \times \Delta$ of Parallactic Factor.	Comet App. decl. ° m s	Log. $\gamma \times \Delta$ of Parallactic Factor.	Red. to App. Place. s	No. of Star.
1894. Dec. 28	7 40 28.6	+ 3 48 13 + 0 01 32	6-6	F. V.	22 14 49.03	+ 9.6790	+ 3 20 29.9	+ 0.4236	+ 2.31 + 14.29	1
29	7 34 18.7	- 0 33 17 + 3 07 08	10-10		22 14 33.68	+ 9.6767	+ 3 22 08.8	+ 0.4246	+ 2.35 + 14.75	2
31	7 39 52.9	+ 0 42 76 - 1 27 90	9-9		22 14 01.59	+ 9.6918	+ 3 06 17.4	+ 0.4329	+ 2.31 + 14.12	3
1895. Jan. 4	7 31 55.0	+ 0 54 48 - 0 45 50	12-12		22 12 27.64	+ 9.7005	+ 2 29 56.9	+ 0.4410	- 0.75 - 5.75	4
12	7 10 34.9	- 1 18.65 - 0 05 36	7-7		22 06 03.61	+ 9.7138	+ 0 39 55.3	+ 0.4601	- 0.78 - 5.66	5
14	7 25 16.9	- 0 13 95 + 0 55.01	4-4		22 03 09.83	+ 9.7299	- 0 02 08.2	+ 0.4658	- 0.79 - 6.12	6
15	7 03 07.2	- 1 43.26 + 2 22.11	7-7		22 01 33.63	+ 9.7201	- 0 24 52.4	+ 0.4686	- 0.78 - 6.29	7
17	6 53 15.7	- 1 33.01 + 1 25.48	7-7		21 57 32.85	+ 9.7205	- 1 19 14.0	+ 0.4746	- 0.79 - 6.76	8
18	7 11 35.7	+ 1 11.63 + 1 53.22	4-4		21 55 08.29	+ 9.7359	- 1 51 11.8	+ 0.4710	- 0.80 - 7.10	9
19	6 53 43.4	- 0 22.79 - 5 34.74	11-11		21 52 30.52	+ 9.7297	- 2 25 16.0	+ 0.4789	- 0.80 - 7.27	10
21	6 51 36.0	- 0 37.75 - 5 21.52	8-8		21 46 15.25	+ 9.7358	- 3 45 28.9	+ 0.4465	- 0.78 - 7.81	11
22	6 45 29.4	- 4 38.20 - 2 01.26	1-1		21 42 37.38	+ 9.7370	- 4 31 17.1	+ 0.4843	- 0.79 - 7.98	12

		Comparison Stars		Authority.	Date:	Observed Δα.	Calculated Δα.	Ephemerides.
No. of	Star.	h.	m.					
1	22 10 58.59	1894.0-1895.0	1894.0-1895.0	Schjellerup ½ (9096 + 9097)	Dec. 28	+1.48	"	Backlund, Bull. Acad. St. Petersbourg, I.
2	(2α - 4.00.63)	(2α + 2.25.21)		Anon. Ref. to 2α (10.0)	29	"	"	"
2α	22 19 05.13	+3 16 22.0		B. D. + 3°.4701 ( 8.5 )		"	"	"
3	22 13 16.52	+3 07 31.3		B. D. + 2°.4490 ( 9.0 )	31	"	"	"
4	22 11 33.91	+2 30 48.1		(9.0) B. D. + 2°.4485	Jan. 4	+1.33	+2.17	"
5	22 07 23.04	+0 40 06.3		(8.3) B. D. + 2°.4836	12	"	"	"
6	22 03 24.57	-0 02 57.1		(9.3) B. D. + 0°.4313	14	"	"	"
7	22 03 17.67	-0 27 08.2		(8.5) 9033 Schjellerup	15	+5.37	+3.11	"
8	(8α - 16.68)	(8α + 4 17.64)		B. D. - 1°.4242. Ref. to 8α		"	"	"
8α	21 59 23.33	-1 24 50.4		(6.5) 5936 Radcliffe 1890	17	+6.84	+5.22	"
9	21 53 57.46	-1 52 57.9		(8.9) 5919 Radcliffe 1890	18	+6.86	+4.55	"
10	21 52 54.11	-2 19 34.0		(8.4) B. D. - 2°.5668	19	+7.25	+6.15	"
11	21 46 53.78	-3 39 59.6		(6.0) 5894 Radcliffe 1890	21	+7.86	+6.16	"
12	21 47 16.37	-4 29 07.9		(7.0) 5895 Radcliffe 1890	22	+8.01	+6.75	"

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*M. Valle, Minor Planets.*

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Date.	Tacubaya Mean Time.	Long. W. 6 <sup>h</sup> 36 <sup>m</sup> 46 <sup>s</sup> .53.			Lat. N. 19° 24' 17".5.			
		Planet Δ <sub>A.</sub>	Star Δ <sub>S.</sub>	No. of Comps.	Ob- server.	Planet App. R.A.	Log $p \times \Delta$ of Parallactic Factor.	Planet App. Decl.
(176) <i>Idunna.</i>								
1894.	h m s	m s	m s	h m s	h m s	h m s	h m s	h m s
Oct. 3	11 32 58	+ 1 41.11	- 1 584	5-5	F. V.	...	+ 7.971	...
6 9 52 57	- 1 17.21	- 1 37.58	4-4	,,	0 19 7.32	+ 9.302	- 1 9 48 51.3	+ 0.191
8 11 20 3	- 0 38.34	- 0 26.80	6-6	,,	0 17 55.23	+ 8.522	+ 9 20 53	+ 0.185
9 10 6 56	- 0 58.34	+ 4 16.35	6-6	,,	0 17 22.80	9 129n	+ 9 6 52.4	+ 3.46 + 24.15
10 8 53 5	+ 2 1.00	- 3 10.41	5-5	,,	0 16 50.71	9.465n	+ 8 53 36.7	+ 3.46 + 24.15
11 8 47 29	- 1 37.39	- 6 22.32	6-6	,,	0 16 17.94	9.419n	+ 8 39 43.4	+ 0.259
Nov. 5 10 9 17	+ 1 0.93	+ 0 55.44	6-6	F. V.	2 18 23.57	9.213n	+ 8 5 4.8	+ 0.248
								+ 3.82 + 25.25
								7

(190) *Ismene.*

Nov.	5	10	9 17	+ 1	0.93	+ 0 55.44	6-6	F. V.	2 18 23.57	9.213n	+ 8 5 4.8	+ 0.248	+ 3.82 + 25.25	7
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